

Recombinant Pseudouridylate Synthase 1 (PUS1) Instruction Manual

SIPC266Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	51.2kDa
Accurate Molecular Mass	51kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asp427 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MGLQLRALLG AFGRWTLRLG PRPSCSPRMA GNAEPPPAGA ACPQDRRSCS
GRAGGDRVWE DGEHPAKKLLK SGGDEERREK PPKRKIVLLM AYSGKGYHGM
QRNVGSSQFK TIEDDLVSAL VRSGCIPENH GEDMRKMSFQ RCARTDKGVS
AAGQVVSLKV WLIDDILEKI NSHLP SHIRI LGLKRV TGGF NSKNRCDART
YCYLLPTFAF AHKDRDVQDE TYRLSAETLQ QVNRLLACYK GTHNFHNFTS
QKGPQDPSAC RYILEMYCEE PFVREGLEFA VIRVKGQSFM MHQIRKMGVL
VVAIVKGYAP ESVLERSWGT EKVDVVPKAPG LGLVLERVHF EKYNQRFQND
GLHEPLDWAQ EEGKVA AFKE EHIYPTIIGT ERDERSMAQW LSTLPIHNFS
ATALTAGGTG AKVPSPLEGS EGDGDTD
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

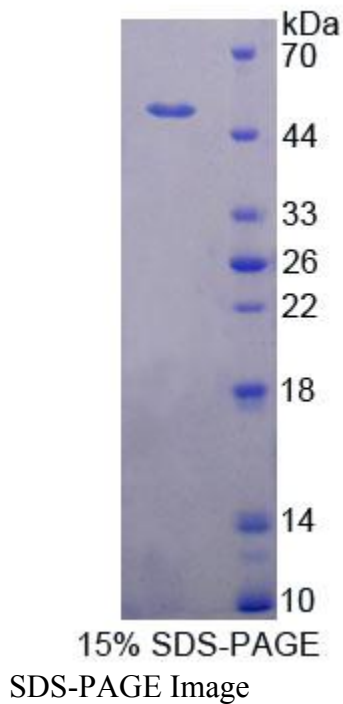
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

